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## CORROSION DETECTING DEVICE

### ABSTRACT

The invention relates to a device for detecting the corrosion induced by a medium on a structure. The device comprises a chamber (5) closed by a closing disc (4) made of such a material that the disc becomes permeable to the medium once corroded by the medium, and means for measuring the refractive index of the medium present in the chamber. According to a preferred embodiment, an optical fibre is used to measure the refractive index variation.

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